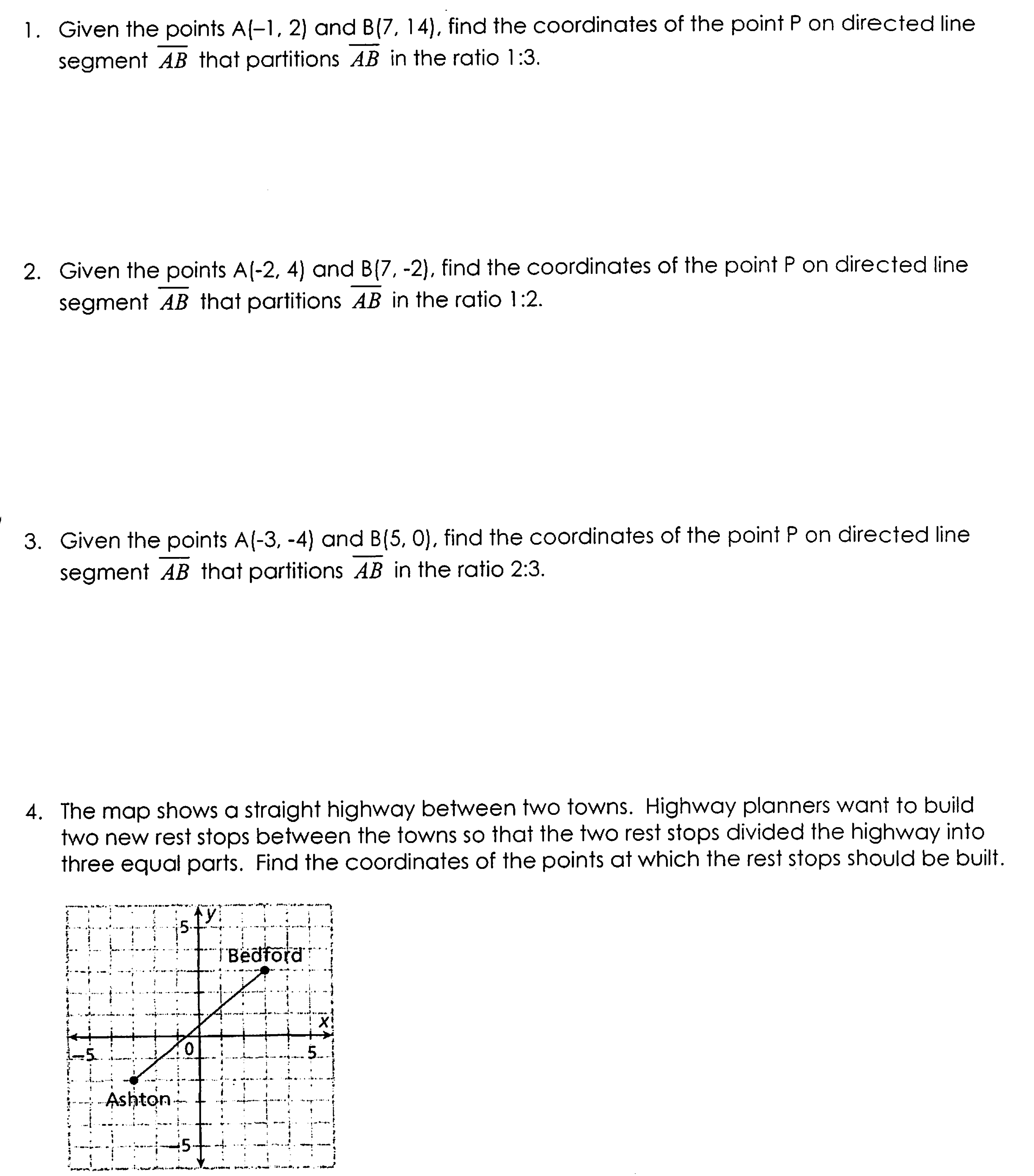
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**Midterm… the REALLY tough problem**







1. Given the points A(-3, -2) and B(6, 1), find the coordinates of point P on directed line segment AB that partition AB in the ratio 2:1
2. Given the points A (-2, 5) and B(2, 3), find the coordinates of the point P on directed line segment AB that partitions AB into the ratio 1:1.
3. Given the points A(4, 10) and B(-2, -2), find the coordinates of the point P on directed line **segment BA** that partition **BA** in the ratio of 2:1.

6. A(-3, 4) B(7, 6) 1:1 7. A(-9, 3) B(1, 8) 2:3

8. A(8, -5) B(4, 7) 1:3 \* WOAH 9. A(5, -6) B(4, 5) 3:4

\* WOAH 10. A(4, 9) B(-5, -3) 2:3 \* WOAH 11. A(2, -1) B(-3, -5) 1:2

